

FARRGON



Compressed air after-cooler

AC series – air cooled

FARGON after - coolers AC line, cool with efficiency the compressed air with the following characteristics:

- Removal of up to 70% of water present in the air, leaving it in perfect condition for a subsequent filtration and drying.
- Compact, easy installation and maintenance
- Cools compressed air without water
- Tough, safe and quiet

Basic components

- ✓ Heat exchanger air X air (radiator) constructed with copper tubes and aluminum fins for high corrosion resistance
- ✓ Electric Motor
- ✓ Structure built in steel. Light and strong
- ✓ Cyclone separator condensate or direct expansion
- ✓ Several options drain: type float, or intelligent electronic timer (without loss of compressed air)
- ✓ Electrostatic painting powder of high quality and resistance

How does the AC cooler work ?

- ① The hot and humid air from the compressor comes on top of the air heat exchanger X compressed air (called a radiator), passing inside the finned tubes where it is then cooled by outside air that is blown by the fan assembly.
- ② With the cooling occurred, up to 70% of this water condenses.
- ③ The mixture air / condensate exits at the bottom of the radiator into the condensate separator coupled to the cooler, which separates the condensed and automatically eliminates the automatic drain system.

SELECTION TABLE

Model	Flow rate		Basic dimensions (mm)			Inlet/outlet Connections	Power supply V/Hz/F	Weight Kg
	pcm	Nm³/h	L	P	H			
AC-0150	60	102	630	320	900	¾" R	220/60/1	18
AC-0400	135	230	750	320	900	1" R	220-380/60/3	38
AC-0500	170	290	900	370	1050	1" R	220-380/60/3	40
AC-0600	225	434	980	370	1100	1 1/2" R	220-380/60/3	45
AC-0700	280	475	1090	370	1190	1 1/2" R	220-380/60/3	52
AC-1000	365	620	1160	400	1250	1 1/2" R	220-380/60/3	58
AC-1200	475	808	1400	400	1400	1 1/2" R	220-380/60/3	105

Reference conditions: air temperature at the entrance of the cooler 150°C
compressed air temperature at exit 8°C above ambient
Maximum operating pressure 16 bar

Special Models high flow On request	Flow rate		Inlet/outlet Connections	Power supply V/Hz/F
	pcm	Nm³/h		
AC-2000	758	1290	2" R	220-380/60/3
AC-2400	947	1610	2" R	220-380/60/3
AC-4800	1500	2550	3" R	220-380/60/3
AC-8600	3000	5100	3" R	220-380/60/3

